

Manhole Inspection Summary

Manhole # S13Q__029MH

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **13Q** Node: **029** Status: **Found**

Insp Date: **3/18/08 12:50 PM**

Incomplete Comments

Crew: **skwj**
Inspector: **wjenkins**
Firm: **PER**

Location Address: **2804 Wilkens Ave**

Cross Street: **Hurley Ave**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)
5

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **5** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **7** Missing: **3** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge**

Depth: **6**

(ft.) ☐ Active Surcharge Present

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Location View



cover worn

Top View



Defect 5



signs of surcharge missing rung/ Barrel infiltration

Defect 2



loose bricks chimney infiltration at wall

Defect 3



missing bricks at 6 oclock connection

Defect 1



barrel wall infiltration

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18 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **16.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **10.56** (ft.) Flow Characteristics: **Turbulent**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

18 in. Circular Gravity Sewer
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **16.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **10.18** (ft.) Flow Characteristics: **Turbulent**
Deposits: ☐ None ☒ **Mud** ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent: **Light**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **6.28** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer

7 O'Clock Inflow

Pipe In @ 7 O'Clock



Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **9.56** (ft.) Flow Characteristics: **Fast**

Deposits: ☐ None ☐ Mud ☒ **Sludge** ☐ Debris ☐ Grease

Silt Depth: **2** (in.) Deposits Extent: **Light**

Infiltration: **Evidence**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer
Pipe In @ 9 O'Clock

9 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **9.98** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection